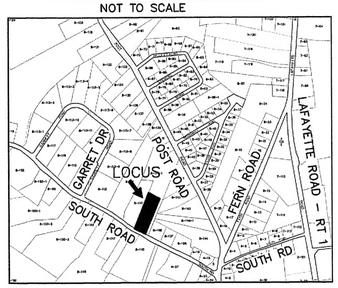
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 510 HOOSIC

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET MAG NAIL 16" MAPLE EL 51.76

#2 SET MAG NAIL 15" BIRCH EL 50.58

#3 SET HUB EL 50.00

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 47.5
2. THERE IS/ARE APPROX 2.5 FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 50)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50 (50) EXISTING CONTOUR / PROPOSED CONTOUR

50.0 EXISTING SPOT ELEVATION

(50.0) PROPOSED SPOT ELEVATION

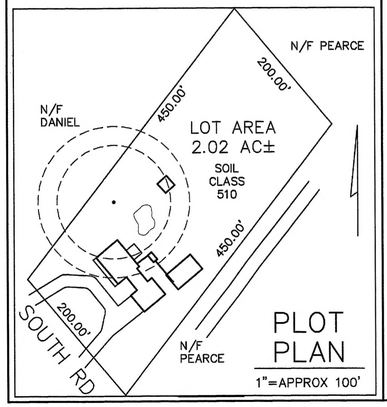
NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN C5697
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: 9839

   PREVIOUS APPROVAL NO: 57472 (1976)
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 100' OF
   b) NO WELLS WITHIN 100' PROPOSED
   c) NO HYDRIC B SOILS WITHIN 100' EDA
   d) NO HYDRIC A SOILS WITHIN 100'

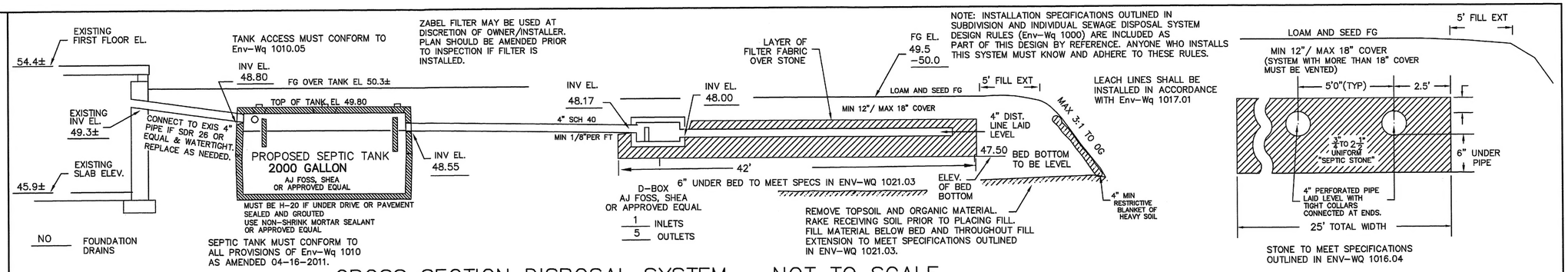
5 DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404)

INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.

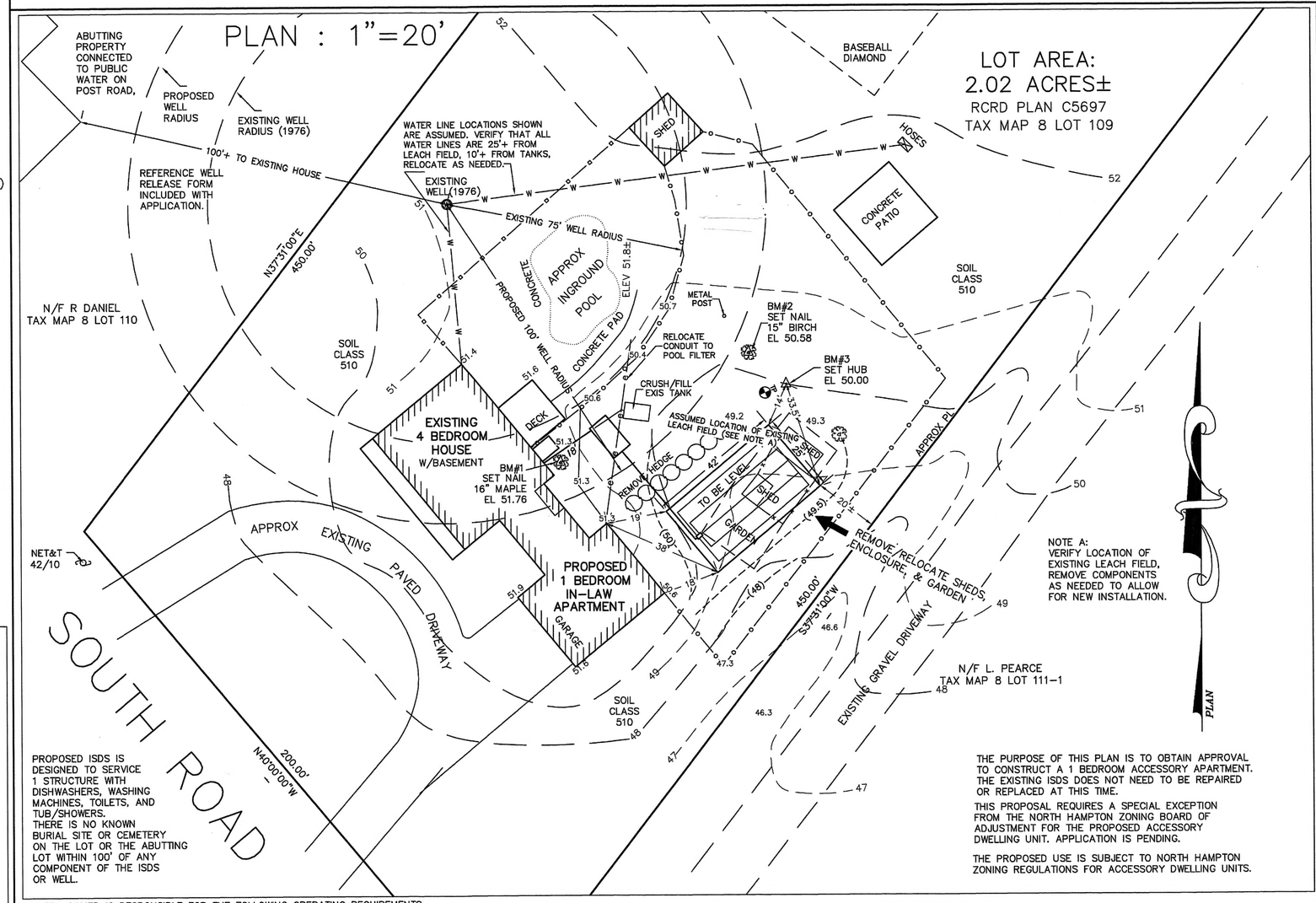


PLOT PLAN

1"=APPROX 100'



CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: MAY 25, 2011

TOWN INSPECTOR: MIKE CUOMO, RCCD

TEST PIT #1 EL 49.8

0 –22" 10YR3/4 FINE SANDY LOAM (TOPSOIL)
22–36" 10YR4/6 GRAVELLY LOAMY COARSE SAND
36–84" 2.5Y5/4 GRAVELLY SAND

NO EVIDENCE OF SHWT, NO REFUSAL, NO OBS H2O

PT PERCOLATION DATA

PERC RATE: < 2 MIN/IN DEPTH: 36"

DESIGN LOADING: EXISTING 4 BEDROOM HOUSE @ 600 GPD PLUS PROPOSED 1 BEDROOM IN–LAW APARTMENT @ 225 GPD = TOTAL DESIGN LOADING 825 GPD.

LEACH FIELD AREA REQUIRED: 825 GPD DESIGN LOADING @ 125 SF/100 GAL = 1031 SF REQUIRED.

AREA PROPOSED: 25' X 42' = 1050 SF PROVIDED.

SEPTIC TANK: CAPACITY REQUIRED: 825 X 2 = 1650 TOTAL CAPACITY REQUIRED.

CAPACITY PROPOSED: 2000 GALLONS PROVIDED

PROPOSED

SEPTIC SYSTEM PLAN

TO PERMIT ADDITION OF IN–LAW APARTMENT, WITH INSTALLATION REQUIRED ONLY IN EVENT OF EXISTING SYSTEM FAILURE.

LOCUS: 75 SOUTH ROAD
NORTH HAMPTON, NH
TAX MAP 8 LOT 109

OWNER: JOHN NORMAND
75 SOUTH ROAD
NORTH HAMPTON, NH 03862

NEW HAMPSHIRE Designer of Subsurface Disposal Systems * * * Anne W. Blalobrzeski No. 348 Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: AUGUST 19, 2011

APPROVAL: CA20111058#2